

## **AMENDMENT NO. 1**

### **RFP C6939RFP6-3X**

**Issue Date:** March 21, 1996

#### **Notice:**

RFP C6939RFP6-3X is hereby amended as described below. In accordance with Section 13 of the RFP Cover Letter, Acknowledgment of Amendments to Solicitation, offerors shall acknowledge receipt of any amendment to this solicitation (a) by signing and returning the amendment; (b) by identifying the amendment number and date when submitting an offer; or (c) by letter.

#### **Description of Amendment:**

##### **A. RFP Cover Letter**

1. Revise proposal due date in paragraph 6 to read as follows:

"Proposals are due no later than 4:00 p.m. Mountain Daylight Time, April 11, 1996."

##### **B. Attachment 1 - Model Subcontract, Form 7500 - General Provisions**

1. Delete General Provisions Clause B35, entitled "Rights in Data - General", in its entirety and replace with: (a) "Rights in Data - General"; (b) "Additional Paragraph (g)(2)"; and (c) "Additional Paragraph (g)(3)" dated March, 1996 and attached hereto. Form 7500 will be modified at the time of contract award to incorporate the attached clauses.

##### **C. Attachment 2 - Statement of Work**

1. Definitions on page (i), Table of Contents, paragraph (b). Add the following sentence to the end of paragraph (b) entitled "Mandatory Option requirements designated as (MO)":

**"(b) Mandatory Option requirements designated as (MO)**

**. . . . Exception: Offeror need only respond to either Specification 5.1.3.1.1. or Specification 5.1.3.1.2."**

2. Revise reference in paragraph 1.2.10 to read as follows:

"At the option of the University, upgrade the TeraFLOP/s scalable clusters as described in paragraph 6.2.15."

3. Revise specification 4.1.1.2, fifth bullet, to read as follows:

**" • Intra-Cluster Network Bi-Section Bandwidth 0.5 TB"**

4. Add Target Requirement 4.1.1.2.1 as follows:

"4.1.1.2.1 Additional Intra-Cluster Network Bi-Section Bandwidth (TR)

The Subcontractor may provide a configuration identical to that specified in Requirement 4.1.1.2, but with an Intra-Cluster Network Bi-Section Bandwidth 1.5 Tb/s."

5. Revise specification 4.2.1.1 to read as follows:

"The Subcontractor shall provide a standard multiuser POSIX (IEEE 1003.1-1990; FIPS 151-2; IEEE 1003.2 or later) compliant UNIX interactive operating system on each SMP, consisting of a basic kernel that supports system services and multiprocessing applications. Fully supported thread operations in shared address space, as defined by the POSIX 1003.1c-1995 (or later), implemented at the kernel level shall also be provided (within six months of standardization or at SST delivery). The operating system shall provide mechanisms to share memory between user processes and to run threads within a single user process on multiple CPUs simultaneously. This shall include provision of right-to-use license for an unlimited number of users, including unlimited concurrent usage, of the operating system, daemons, and associated utilities. The University will accept the Offeror's self-certification for POSIX compliance."

6. Revise second sentence of specification 5.2.1.1 to read as follows:

"The Subcontractor shall provide a standard multiuser POSIX (IEEE 1003.1-1990; FIPS 151-2; IEEE 1003.2 or later) UNIX interactive operating system on each SMP, consisting of a basic kernel that supports system services and multiprocessing applications. A fully supported thread operations in shared address space, as defined by the POSIX 1003.1c-1995 (or later), implemented at the kernel level shall also be provided. The operating system shall provide mechanisms to share memory between user processes and to run threads within a single user process on multiple CPUs simultaneously. This shall include provision of right-to-use license for an unlimited number of users, including unlimited concurrent usage, of the operating system, daemons, and associated utilities. The University will accept the Offeror's self-certification for POSIX compliance."

7. Revise specification 6.2.6, fifth bullet, to read as follows:

" • Intra-Cluster Network Bi-Section Bandwidth/Peak FP  
(Bits/s/FLOP/s) 0.167"

**D. Attachment 3 - Proposal Preparation Instructions**

1. Revise Section A.3, paragraph 2, sentence 4 (last sentence) to read as follows:

"The total Technical Proposal Volume shall contain no more than 250 pages, excluding benchmark results, organizational charts, resumes, and screen dump illustrations of software tools."

2. Section B.4. Add the following sentence to the end of paragraph (b) entitled "Mandatory Option requirements designated as (MO)":

**"(b) Mandatory Option requirements designated as (MO)**

. . . . Exception: Offeror need only respond to either Specification 5.1.3.1.1. or Specification 5.1.3.1.2."

3. Add Section C.7 as follows:

"7. Full ASCI Purchase Price

For informational purposes, and in addition to the Price Schedules contained in Section C.2 above, the Offeror shall provide the "full" purchase price for the system as proposed, without regard to the budgetary constraint of \$100M and before applying any discounts or other financial incentives. This pricing shall follow the same order as the Summary Pricing Schedule and shall, as a minimum, provide the "full" purchase price for each major subsection (i.e. 4.1.1, 4.1.2, 4.1.3, etc.)."

The Offeror shall also include a certification in Volume III, Administrative Proposal, which certifies that, to the best of your knowledge, the "full" purchase price estimates provided are accurate and complete.

4. Replace Attachment 3, Appendix B, Target Requirement Pricing Schedule, in its entirety with Target Requirements Pricing Schedule dated March 18, 1996.
5. Replace Attachment 3, Appendix B, Summary of Pricing Schedule, in its entirety with Summary of Pricing Schedule dated March 18, 1996.
6. Replace Attachment 3, Appendix C, Milestone Pricing Schedule, in its entirety with Milestone Pricing Schedule dated March 18, 1996.

Change pages reflecting the above revisions are attached hereto and made a part hereof.

All other terms and conditions remain unchanged.